

Inventors: Braun and Sutton  
Serial No.: 09/966,608  
Filed: September 27, 2001  
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**CURRENT STATUS OF ALL CLAIMS**

Claims 1.to 25. Previously cancelled.

<sup>1</sup>  
~~26~~. (Currently amended) An isolated nucleic acid molecule, comprising a portion of SEQ ID NO:1, said portion encoding [at least 5] between 6 and 100 contiguous amino acids of SEQ ID NO:2.

27. Previously cancelled.

<sup>2</sup>  
~~28~~. (Currently amended) The isolated nucleic acid molecule of claim ~~1~~<sup>1</sup>~~26~~, encoding [[5]] 6 to 50 contiguous amino acids of SEQ ID NO:2.

<sup>3</sup>  
~~29~~. (Previously amended) The isolated nucleic acid molecule of claim ~~1~~<sup>1</sup>~~26~~, encoding at least 8 contiguous amino acids of SEQ ID NO:2.

<sup>4</sup>  
~~30~~. (Previously amended) The isolated nucleic acid molecule of claim ~~3~~<sup>3</sup>~~29~~, encoding 8 to 50 contiguous amino acids of SEQ ID NO:2.

<sup>5</sup>  
~~31~~. (Previously amended) The isolated nucleic acid molecule of claim ~~3~~<sup>3</sup>~~29~~, encoding 8 to 20 contiguous amino acids of SEQ ID NO:2.

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<sup>6</sup>  
~~32~~. (Previously amended) The isolated nucleic acid molecule of claim ~~26~~<sup>1</sup>, encoding at least 10 contiguous amino acids of SEQ ID NO:2.

<sup>7</sup>  
~~33~~. (Previously amended) The isolated nucleic acid molecule of claim ~~32~~<sup>6</sup>, encoding 10 to 50 contiguous amino acids of SEQ ID NO:2.

<sup>8</sup>  
~~34~~. (Previously amended) The isolated nucleic acid molecule of claim ~~32~~<sup>6</sup>, encoding 10 to 20 contiguous amino acids of SEQ ID NO:2.

<sup>9</sup>  
~~35~~. (Previously amended) The isolated nucleic acid molecule of claim ~~26~~<sup>1</sup>, encoding at least 12 contiguous amino acids of SEQ ID NO:2.

<sup>10</sup>  
~~36~~. (Previously amended) The isolated nucleic acid molecule of claim ~~35~~<sup>9</sup>, encoding 12 to 20 contiguous amino acids of SEQ ID NO:2.

<sup>11</sup>  
~~37~~. (Previously amended) The isolated nucleic acid molecule of claim ~~26~~<sup>1</sup>, encoding at least 15 contiguous amino acids of SEQ ID NO:2.

<sup>12</sup>  
~~38~~. (Previously amended) The isolated nucleic acid molecule of claim ~~37~~<sup>11</sup>, encoding 15 to 20 contiguous amino acids of SEQ ID NO:2.

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<sup>13</sup>  
~~39~~. (Previously amended) The isolated nucleic acid molecule of claim <sup>1</sup>~~26~~, encoding at least 18 contiguous amino acids of SEQ ID NO:2.

<sup>14</sup>  
~~40~~. (Previously amended) The isolated nucleic acid molecule of claim <sup>1</sup>~~26~~, encoding at least 20 contiguous amino acids of SEQ ID NO:2.

<sup>15</sup>  
~~41~~. (Previously amended) The isolated nucleic acid molecule of claim <sup>1</sup>~~26~~, encoding at least 25 contiguous amino acids of SEQ ID NO:2.

<sup>16</sup>  
~~42~~. (Previously amended) An isolated nucleic acid molecule, comprising a nucleic acid sequence encoding at least 8 contiguous amino acids of SEQ ID NO:2.

Claims 43 and 44. Previously cancelled.

<sup>17</sup>  
~~45~~. (Previously amended) The isolated nucleic acid molecule of claim <sup>16</sup>~~42~~, encoding 8 to 50 contiguous amino acids of SEQ ID NO:2.

<sup>18</sup>  
~~46~~. (Previously amended) The isolated nucleic acid molecule of claim <sup>16</sup>~~42~~, encoding 8 to 20 contiguous amino acids of SEQ ID NO:2.

<sup>19</sup>  
~~47~~. (Previously amended) The isolated nucleic acid molecule of claim <sup>16</sup>~~42~~, encoding at least 10 contiguous amino acids of SEQ ID NO:2.

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<sup>20</sup>  
~~48.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>19</sup>~~47~~, encoding 10 to 50 contiguous amino acids of SEQ ID NO:2.

<sup>21</sup>  
~~49.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>19</sup>~~47~~, encoding 10 to 20 contiguous amino acids of SEQ ID NO:2.

<sup>22</sup>  
~~50.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>16</sup>~~42~~, encoding at least 12 contiguous amino acids of SEQ ID NO:2.

<sup>23</sup>  
~~51.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>22</sup>~~50~~, encoding 12 to 20 contiguous amino acids of SEQ ID NO:2.

<sup>24</sup>  
~~52.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>16</sup>~~42~~, encoding at least 15 contiguous amino acids of SEQ ID NO:2.

<sup>25</sup>  
~~53.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>24</sup>~~52~~, encoding 15 to 20 contiguous amino acids of SEQ ID NO:2.

<sup>26</sup>  
~~54.~~ (Previously amended) The isolated nucleic acid molecule of claim <sup>16</sup>~~42~~, encoding at least 18 contiguous amino acids of SEQ ID NO:2.

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<sup>27</sup>  
~~55~~. (Previously amended) The isolated nucleic acid molecule of claim ~~42~~<sup>16</sup>, encoding at least 20 contiguous amino acids of SEQ ID NO:2.

<sup>28</sup>  
~~56~~. (Previously amended) The isolated nucleic acid molecule of claim ~~42~~<sup>16</sup>, encoding at least 25 contiguous amino acids of SEQ ID NO:2.

Claim 57. Cancelled.